

Abstract

Our purpose in this paper is to show possibilities of agenda manipulation by players in sequential committee voting on public goods with network size economy. More specifically, we theoretically predict under which agenda the committee decides full construction of the public goods.

We show in proposition 1 and 2 that under majority rule, there are two agendas that lead to the socially optimal provision of the public goods. We also show in proposition 3 and 4 that under unanimous rule, there are also two agendas that lead to the socially optimal provision of public goods. These results are consistent with the fact that disconnected high-speed transportation lines are often seen.

Key Words:

Strategic Voting, Agenda Manipulation, Network Externality, High-Speed Railroad

JEL Classification:

D72, H41, R53